

Regularity indicator with multicolor led

Led Line Raid is a graphic **indicator of regularity and speed** perfect for the pilot. It is a device that gives the **information of regularity with a line of multicolored** LEDs (Blue, red and green). It is very small and versatile so you can project the LEDs on the front glass and view the information as if it were augmented reality on the road.

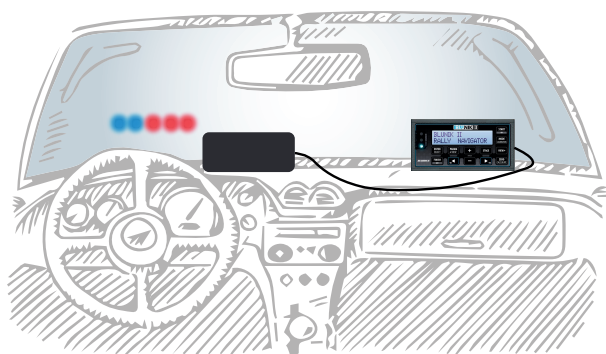
Blunik-Raid accessory. It is connected by direct cable to the connection cables.

- Red led:** Attention! You're late.
- Green led:** You're too fast.
- Blue led:** You are OK! Keep going.



Installation in the car

WINDSHIELD VISION



Line of 3-color LEDs reflected in the crystal windshield

DIRECT VISION



Direct view of the LEDs

LED indications

- LED LINE WITHOUT BLUE LED



When LED LINE does not show you any blue LED, the line of LEDs indicates the delay / advance you have. The last led flashes depending on whether you are recovering or losing distance:

- Last Led flashing red: you are losing distance. You are too slow.
- Last Led flashing green: you are recovering distance.

Blunik-Raid has the “Blue Led” parameter to be able to adjust your exigency and precision:

BLUE LED = A

1 Led on	GREEN LED OR RED LED	indicates that the difference of regularity is above	1.5 seconds
2 Led on			2.5 seconds
3 Led on			4.0 seconds
4 Led on			5.0 seconds
5 Led on			8.0 seconds
6 Led on			10.0 seconds
7 Led on			15.0 seconds
8 Led on			20.0 seconds

BLUE LED = B

1 Led on	GREEN LED OR RED LED	indicates that the difference of regularity is above	3.0 seconds
2 Led on			5.0 seconds
3 Led on			8.0 seconds
4 Led on			10.0 seconds
5 Led on			15.0 seconds
6 Led on			20.0 seconds
7 Led on			30.0 seconds
8 Led on			50.0 seconds

BLUE LED = C

1 Led on	GREEN LED OR RED LED	indicates that the difference of regularity is above	4.0 seconds
2 Led on			6.0 seconds
3 Led on			10.0 seconds
4 Led on			15.0 seconds
5 Led on			20.0 seconds
6 Led on			30.0 seconds
7 Led on			40.0 seconds
8 Led on			60.0 seconds

- LED LINE WITH BLUE LEDS ON



When the LINE LED shows you the 3 Blue LEDs it is indicating that you are following the regularity according to your requirement, and the leds red or green tell you how to correct the speed to be perfect.

Blunik-Raid has the “Blue Led” parameter to be able to adjust your exigency and precision:

BLUE LED = A

1 Led on	GREEN LED OR RED LED	indicates that the difference of speed is above	0 Km/h
2 Led on			1 Km/h
3 Led on			2 Km/h
4 Led on			3 Km/h
5 Led on			4 Km/h

BLUE LED = B

1 Led on	GREEN LED OR RED LED	indicates that the difference of speed is above	0 Km/h
2 Led on			1 Km/h
3 Led on			2 Km/h
4 Led on			3 Km/h
5 Led on			4 Km/h

BLUE LED = C

(as in BlunikII PLUS)

1 Led on	GREEN LED OR RED LED	indicates that the difference of speed is above	0.2 segundos
2 Led on			0.4 segundos
3 Led on			0.6 segundos
4 Led on			1.0 segundos
5 Led on			1.5 segundos

- **LINE OF ONLY BLUE LEDS ON**



EUREKA, It is what you were looking for!

When LED LINE shows you only the 3 leds in blue it indicates that you are following the regularity correctly according to your requirement and that the speed is correct.

BLUE LED = A: Only blue LEDs on, indicates that the difference in regularity is less than 1.5 seconds.

BLUE LED = B: Only blue LEDs on, indicates that the difference in regularity is less than 3.0 seconds.

BLUE LED = C: Only blue LEDs on, indicates that the difference in regularity is less than 2.0 seconds.
(as in BlunikII PLUS)

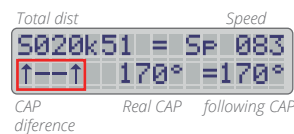
Led Line Raid in CAP Mode

When Blunik-Raid is in a stage programmed with CAP Mode, the Led line indicates the direction to follow or how to correct your direction.

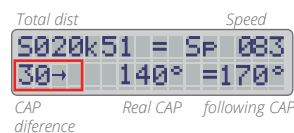
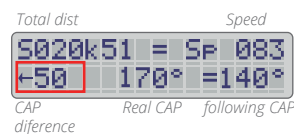
- **BLUE LED LINE**



You are heading in the right direction.

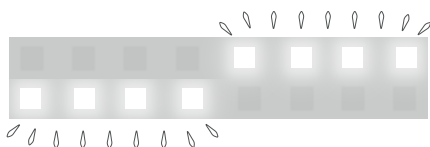


- **WHITE ARROWS**



Indicative arrow of where you should go. As longer is the arrow, the more you must correct in that direction.

Speeding



Blunik-Raid has a parameter to configure the speed limit in stage and speed limit in liaison/link.

When your real speed exceeds the speed limit, LED LINE indicates this by alternating flashes of 4 white LEDs left and right for 10 seconds.